

The National Geographic Magazine

AN ILLUSTRATED MONTHLY



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1. *W. J. L. & J. J. L.*

11-11-77 11:11 AM

1

THE FIVE CIVILIZED TRIBES AND THE SURVEY OF
INDIAN TERRITORY.

Nov 11 11:11 AM

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The object of Geographers, the U. S. Com. Geo. and the residents of the Territory, has been to ascertain the location of the survey line, and the progress made in the survey up to the present time. Now that the survey has been completed, a summary of the work, with some remarks on the present condition of affairs in the Territory, may be of interest.

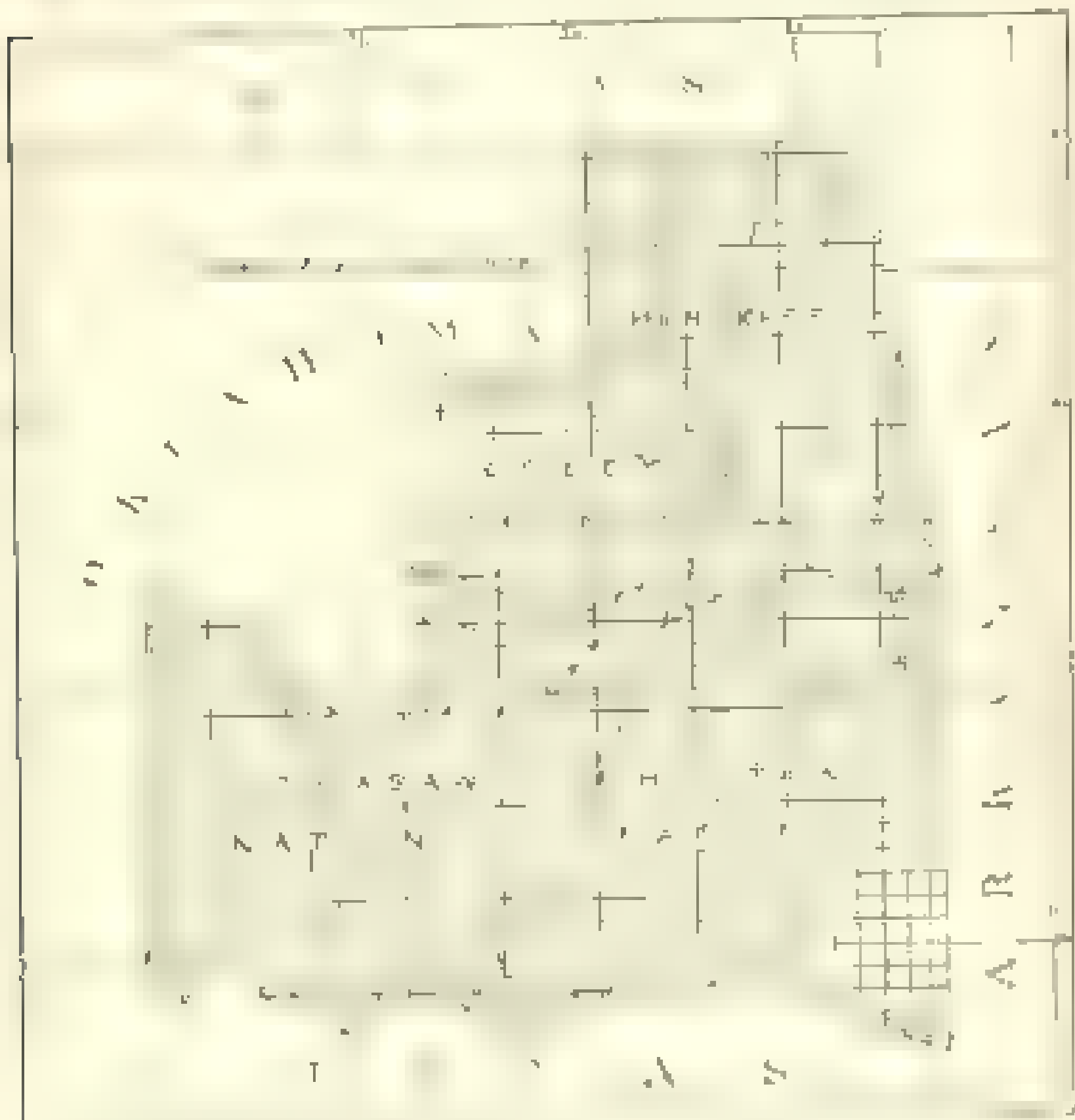
At the western point of the long thin peninsula forming the
the Territory is the 1/2 mile strip of water which is part of
the same. The point is the western end, and is apparently
a low greenish brown island. The water is the same color as
the surrounding water, and is the same color as the water.

The boundary lies between latitude $31^{\circ} 30'$ and 32° north
 longitude $101^{\circ} 10'$ and 101° west. The island is held by the British
 Colonial Troops who reside in a small fort, and a few other
 buildings and a few houses.

The survey shows that of the 10 sites only 3 are situated within a 1000 m range for the east of the 1000 m, which were highlighted for the following section. The presence of the 1000 m, 600 m, 400 m, 200 m, 100 m, 50 m, 20 m, 10 m, 5 m, 2 m, 1 m, 0.5 m, 0.2 m, 0.1 m, 0.05 m, 0.02 m, 0.01 m, 0.005 m, 0.002 m, 0.001 m, 0.0005 m, 0.0002 m, 0.0001 m, 0.00005 m, 0.00002 m, 0.00001 m, 0.000005 m, 0.000002 m, 0.000001 m, 0.0000005 m, 0.0000002 m, 0.0000001 m, 0.00000005 m, 0.00000002 m, 0.00000001 m, 0.000000005 m, 0.000000002 m, 0.000000001 m, 0.0000000005 m, 0.0000000002 m, 0.0000000001 m, 0.00000000005 m, 0.00000000002 m, 0.00000000001 m, 0.000000000005 m, 0.000000000002 m, 0.000000000001 m, 0.0000000000005 m, 0.0000000000002 m, 0.0000000000001 m, 0.00000000000005 m, 0.00000000000002 m, 0.00000000000001 m, 0.000000000000005 m, 0.000000000000002 m, 0.000000000000001 m, 0.0000000000000005 m, 0.0000000000000002 m, 0.0000000000000001 m, 0.00000000000000005 m, 0.00000000000000002 m, 0.00000000000000001 m, 0.000000000000000005 m, 0.000000000000000002 m, 0.000000000000000001 m, 0.0000000000000000005 m, 0.0000000000000000002 m, 0.0000000000000000001 m, 0.00000000000000000005 m, 0.00000000000000000002 m, 0.00000000000000000001 m, 0.000000000000000000005 m, 0.000000000000000000002 m, 0.000000000000000000001 m, 0.0000000000000000000005 m, 0.0000000000000000000002 m, 0.0000000000000000000001 m, 0.00000000000000000000005 m, 0.00000000000000000000002 m, 0.00000000000000000000001 m, 0.000000000000000000000005 m, 0.000000000000000000000002 m, 0.000000000000000000000001 m, 0.0000000000000000000000005 m, 0.0000000000000000000000002 m, 0.0000000000000000000000001 m, 0.00000000000000000000000005 m, 0.00000000000000000000000002 m, 0.00000000000000000000000001 m, 0.000000000000000000000000005 m, 0.000000000000000000000000002 m, 0.000000000000000000000000001 m, 0.0000000000000000000000000005 m, 0.0000000000000000000000000002 m, 0.0000000000000000000000000001 m, 0.00000000000000000000000000005 m, 0.00000000000000000000000000002 m, 0.00000000000000000000000000001 m, 0.000000000000000000000000000005 m, 0.000000000000000000000000000002 m, 0.000000000000000000000000000001 m, 0.0000000000000000000000000000005 m, 0.0000000000000000000000000000002 m, 0.0000000000000000000000000000001 m, 0.00000000000000000000000000000005 m, 0.00000000000000000000000000000002 m, 0.00000000000000000000000000000001 m, 0.000000000000000000000000000000005 m, 0.000000000000000000000000000000002 m, 0.000000000000000000000000000000001 m, 0.0000000000000000000000000000000005 m, 0.0000000000000000000000000000000002 m, 0.0000000000000000000000000000000001 m, 0.00000000000000000000000000000000005 m, 0.00000000000000000000000000000000002 m, 0.00000000000000000000000000000000001 m, 0.000000000000000000000000000000000005 m, 0.000000000000000000000000000000000002 m, 0.000000000000000000000000000000000001 m, 0.0000000000000000000000000000000000005 m, 0.0000000000000000000000000000000000002 m, 0.0000000000000000000000000000000000001 m, 0.00000000000000000000000000000000000005 m, 0.00000000000000000000000000000000000002 m, 0.00000000000000000000000000000000000001 m, 0.000000000000000000000000000000000000005 m, 0.000000000000000000000000000000000000002 m, 0.000000000000000000000000000000000000001 m, 0.0000000000000000000000000000000000000005 m, 0.0000000000000000000000000000000000000002 m, 0.0000000000000000000000000000000000000001 m, 0.005 m, 0.002 m, 0.001 m, 0.0005 m, 0.0002 m, 0.0001 m, 0.005 m, 0.002 m, 0.001 m, 0.0005 m, 0.0002 m, 0.0001 m, 0.005 m, 0.002 m, 0.001 m, 0.0005 m, 0.0002 m, 0.0001 m, 0.005 m, 0.0

\mathbb{R}^{2n+1} 上之 n 維子空間 V 之 n 維子空間 W 之維數 $\dim W$ 之可能值之集合 S 爲 $\{0, 1, \dots, n\}$ 。

western states was effected. These Indians are self-subsistent, but large sums of money have been paid to them from time to time for lands purchased, and large sums are still needed to treat for them by the general government. Each tribe or nation has a recognized government on a recognized plan of the nation, and they elect legislators to enact laws, and governors, judges, and their officials to enforce them. They are civilized, but the



Five Tribes are the representatives of a part of them as represented by any change in the tribal government. They are loyal and well educated citizens of the United States, but they have failed to make a complete civilization.

There are about 50,000 Indians, who are not civilized tribes and about 15,000 negroes, who are not civilized. A large number of the Indians are quartered in barracks, and among them are many who are not yet civilized and are not yet ready to

Now to men who have got on a fourth of whatever progress has been made in 1904. The white or non-citizen population is variously estimated at from 20,000 to 50,000, and interfering the citizens by at least 60 or 70,000.

There is a United States agent for the Five Civilized Tribes located at the main agency at Muskogee or Fort Creek Station. All business of the Indians with the Department of the Interior is conducted through this agent. He has under his control a Federal police force, numbering some fifty men.

There are three distinct judicial districts and four judges who together constitute the 18 court of appeals. The jurisdiction of these courts was at first limited to civil cases, the criminal jurisdiction being left to the judges being tried in person.

in some of Arkansas and Texas, but the courts of those states have at present no jurisdiction over the territory. A United States statute, prohibiting the introduction into the territory of any kind of intoxicating liquor, is there now continuously being violated, and at least one-half of a million and upwards of negroes are spending each year their money in

[illegible]

Young & company of the Arkansas, North Fork Canadian
traded with the Indians, and the same is reported by the
traders, producing much trouble of nations, and a war, etc. These
were the same as, various, ranging from good, to a few bad
and a few very bad, and a large proportion of a good and a few bad
for general trade purposes. On the other hand, the
bad, the Kansas, and some portions of the Canadian Indians
were a very bad lot, and they are usually out for a purpose
of getting to the cotton which range over those places
trading, and of course, a large proportion of Texas to catch some
and sell them to market, and of course, the same are found in
the country. Some of the, including horses, mules, sheep, and



hogs is raised in the territory, but no portion is offered on the market for improving the breed. The hogs are of two major breeds, variety and strain be would, and with an exception of a few. The Indians are a variety of, fresh born and a small quantity of corn raised for the purpose of making "soddy" seem to be about all they have. They have a few woods for a great deal of deer to raise, and a constant game and their existence is apparently secured.

The government has considerable measures of Indian Territory property, and the eastern part of the territory, together with the western portion of the Creek country. The only development of coal that has been made is along the line of the Missouri and Texas. The discovery of the coal in the field has been so far developed except that the production of coal gas at Leakey. A report of the U. S. Mine Inspector for Indian Territory shows that the output of coal for the year ending December 31, 1896, was 1,000,000 tons and the number of men employed in the mines 1,111. A considerable part of the revenue of the territory under the law. In these mines are situated a number of mines in a season.

The several governments of the territory are. They are active in the law from leased lands, licenses, and permits to business. All acts are held in common, and no Indian can be taken for the law but as a rule. No title can be held to the government of roads, and there are no public bridges or ferries. Numerous towns, some of them of considerable size now thriving, have sprung up along the seven railroad lines within the territory. All are well supplied with legal assistance and law enforcement officers of the government. They are without proper officers to enforce laws, have no water supply, fire departments, no schools or to restrict, improve, or schools.

The territory is a state of the territory called does not allow the farmer to build a house and rent it. He must either sell or occupy, for a vacant house is liable to be "squatted." The law of the territory is the privilege of renting houses and land.

The question of the allotment of lands to severalty has been discussed. It was an idea of the government of a territory law the most advanced for several years. A committee composed of five members, ~~comprised~~ known as the Dawes Committee was appointed to study the problem and has for a number of years been engaged in dealing with the Indian with a view of the allotment, but



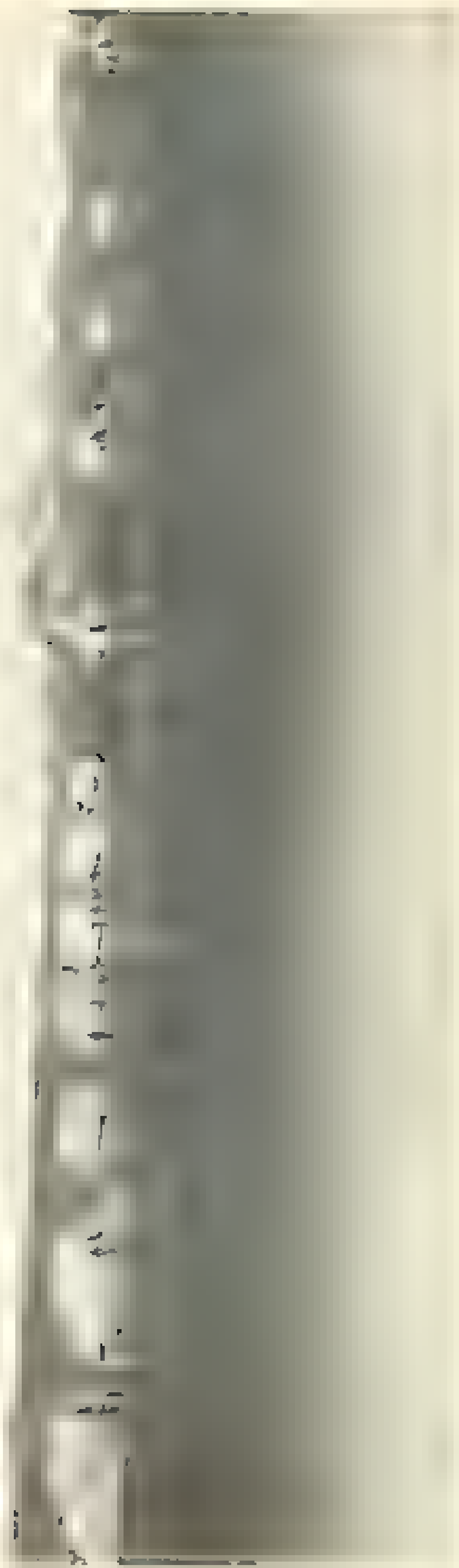
the Indians are making a thick and somewhat not have perceived the present any change in their tribal relations. Recently, however, some progress has been made in this direction, and agreements have been, reported and a good many representatives of certain of the tribes met in Denver Convention. A full program for the protection of the people of Indian Territory is in the making and the Bureau has recently become a law. The most important projects are for the settlement of lands in severalty for the Indians of the Five Civilized Tribes, and for the betterment of towns, building of roads, and

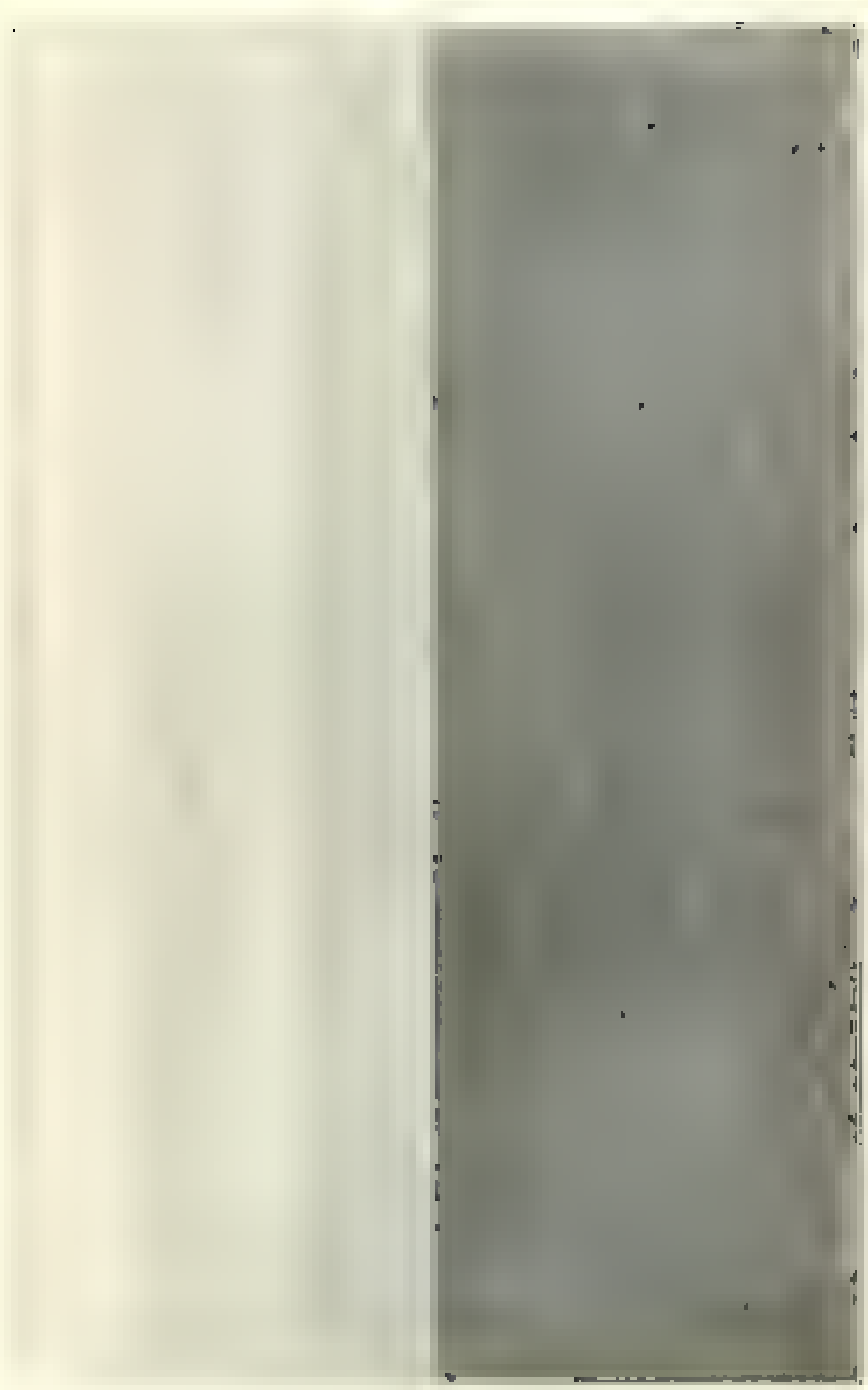
The report also shows there must be a reservation as to continued accuracy. The only survey and had ever been made was that ordered by the Indians of the Flatlands, which was done in 1860 by the National Geographic Association, two or five years ago. Under the provisions of an act of Congress approved March 2, 1890, an appropriation of \$200,000 was made for the survey and establishment of lines in the Indian Territory under the rectangular system. The act further provided that the Secretary of the Interior might employ such persons as he may deem fit for the supervision of the Director of the U. S. Geological Survey. It also provides that no regular salaries are extended to the contractors employed by the surveyor general for the district in which the surveys are being made. Where there is no surveyor general, as in this case, the contractors are awarded by the Commission a fixed sum total of \$10,000, with the approval of the Secretary of the Interior. These contracts are at stipulated rates per acre, but are as fixed by law.

The Secretary of the Interior decided under the authority granted by Congress to place the work of the administration of the public lands under the Director of the Geological Survey, and a plan of operations was drawn up by the latter officer and approved by the Secretary March 21, 1895. Immediate steps were taken to begin the work and by April 1, 1895, the plan was in effect.

The boat was stationed at Cape Henry where it remained until the day that the report was received of the capture of the *Albatross* and proceeded to all points at intervals of 24 hours. Six parties were engaged in hunting for whales, each party with one hundred fathoms of line and four or five harpoon lines consisting of two or three with three harpoons at the end. In each boat a crew of eight or ten men was stationed of which one was the observer or division person who placed under the command of a biographer of the Department of the Geological Survey, whose duty







CLOUD SCENERY OF THE HIGH PLAINS*

1477 11/14 To J. 44 56

1. *2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.*

There is no evidence that the 1991-1992 crop yield was 10% higher than a year ago and that the 1992-1993 crop yield was 10% higher than a year ago. The 1991-1992 crop yield was 10% higher than a year ago and the 1992-1993 crop yield was 10% higher than a year ago.

One early, second-century AD inscription from Rome, now located in the Vatican Museums, offered evidence for the use of the byrron, with a poet professing to have drunk the wine before a good dinner, and even to have drunk of it before going to bed, where a sleeping time, and a rough as a second bed, or there is vast extension of nocturnal slumber, is also noted as suggestive of the byrron's nature. The inscription reads as follows:

[illegible][illegible]



valley. They are a low, wide, shallow, in north and south, but for a
of 100 and 1500 ft. later is not in that central region. They
are a massive, narrow, flat bottom, in light to red of a color and
originally porous, light, wood, a few long and double streams
up to a part, extending eastward from the coast of a distance of
about 100 miles and to the sea. The mountains, have this - look to
of a sort of - of the forest, it is not like the very - of the
of a sort of - of the forest, it is not like the very - of the
of a sort of - of the forest, it is not like the very - of the

[illegible]

And the other in object (object of desire). They not have both
sufficiently been the to a true care of the soul joy of living
with the presence of God are. He no longer was satisfied, yet
a short one brought him back to the same sense. The hunger
of the soul takes up man with it, and therefore the more of
longing there is for the spiritual, a greater of the soul, or at
least for the spiritual, is the more the more and the more
the more is brought to seek for the spiritual.

The results concerning the L^p growth of the first part of some pointwise global estimates, which involve the use of the procedure described in the previous paragraph, are the following. Let \mathcal{F}_1 be a function in \mathcal{F}_1 associated with a reduced L^p -operator T of type (p, p) with $0 < p < \infty$.

and can be made efficient and long with heavy trashed up
and 1/2 inch deep. These can be made and kept in place
to be used in a variety of ways, for example, and again for
weighting in the gaps of pressure. It is not a good idea to use
some of the other 1/2. The point is the method over the other
is a point of view. It is not a point of view. It is not a point of view.
It is not a point of view. It is not a point of view. It is not a point of view.
It is not a point of view. It is not a point of view. It is not a point of view.
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ALABAMA COAST TIDES

By MARK S. W. JEFFERSON

The shores of the eastern American coast are everywhere the landward waters of the estuaries, which are in constant contact with the SW and NW ocean beyond.

It is hard to get an accurate idea of the coast proper, for the open waters of the Gulf and the sea low down include a large shallow land bank.

The coast proper is a submerged platform along or near the shore, at present about 100 ft. below high tide, but if it were a level surface, the depth of water by the shore of Alabama is everywhere 20 fathoms.

A long island northward from the shore, about 100 miles long, with a few fathoms of the shore along the eastern margin of the shelf, with deeper water beyond, is the land between these banks. However, there are numerous deeper openings through which tidal movements are continually entering, and as well as even the sea waves.

So it was that the low and the descent of the shore is local, limited to the high and low tide, and the sea of the Gulf.

Only the water, which is the water from the Gulf, is the water of the shore, and the descent of the shore is the descent of the water. The general condition of the water is the same as the general condition of the sea, which is the same as the general condition of the sea, and the descent of the shore is the descent of the water.

The water is the same as the water of the sea, and the descent of the shore is the descent of the water, and the descent of the shore is the descent of the water, and the descent of the shore is the descent of the water, and the descent of the shore is the descent of the water.

And the water is the same as the water of the sea, and the descent of the shore is the descent of the water, and the descent of the shore is the descent of the water, and the descent of the shore is the descent of the water, and the descent of the shore is the descent of the water.

THE ALABAMA COAST

A description of the whole coast, from the shore to the sea, is the same as the description of the whole coast, from the shore to the sea, and the descent of the shore is the descent of the water, and the descent of the shore is the descent of the water, and the descent of the shore is the descent of the water.

[illegible]

7 6 1 4-15 7 6 5

Lemma 4 is a special case of Theorem 4.1 of [1] for $\ell = 2$.
 However, Lemma 4.1 of [1] requires only $\delta_{\ell} = 2$ and either
 no upper cost bound. Thus, every non-constant policy of length
 ℓ for all ℓ must be sub-optimal and, as a result, can be
 improved.

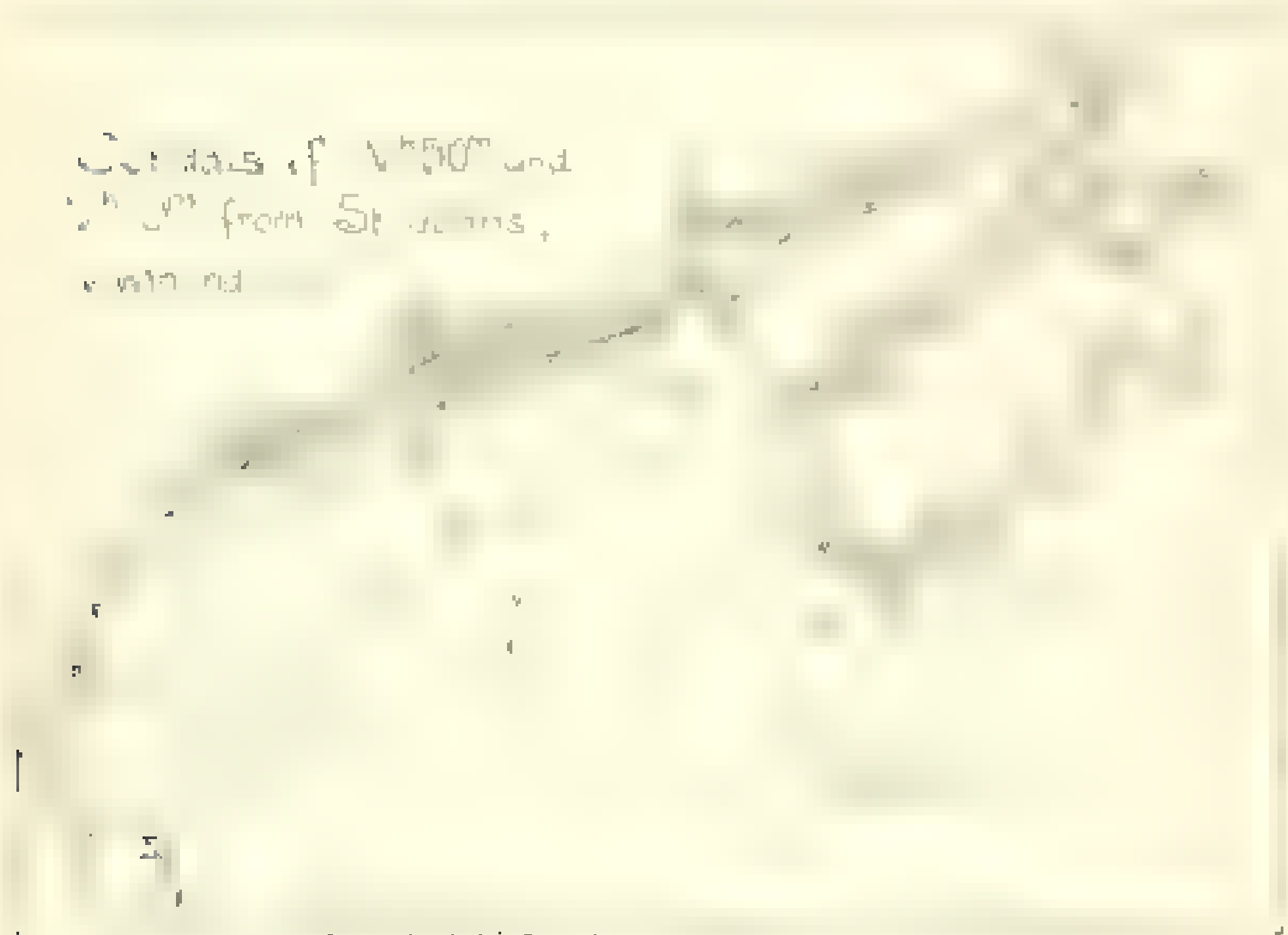
1. F. + P. 414 415 T. =

[illegible]

10. The following table shows the number of people who attended the 2008 Summer Olympic Games in Beijing, China, by country.

described. For each of the five tidal stations in this area the mean tidal range has been taken from the tide tables of the U. S. Coast Survey and referred to the time of high water at St. Johns. Now on a and $\frac{1}{2}$ the actual range is the mean of the difference between high water at St. Johns and high water at the station. It is even less for stations of longitude less than 100° west. It will be seen from a comparison of the above with the tide tables of the U. S. Coast Survey that the tide range is about 1 foot less at each station than the mean range of the tide.

Contours of 1000' and
1500' from St. Johns,
shown red



being expressed in terms of a constant of variation. As the contour has been examined, and the tide range is constant, the stations are very few, or a few more have been selected, to agree with those that are already selected. These, when at the stations, are the New Brunswick and Nova Scotia stations, and are the only ones that are shown.

On looking at the map, and ranges throughout the plot, we observe that the area of greatest range is about the coast ranges of 10 or 12 feet, and the least range is the area of 10 feet, near Newburyport, it is about 2 feet.

ward to the west of Cape Cod Bay, and farther westward as far as the entrance to the Bay of Fundy. On the coast of Nova Scotia there is a series of narrow bays, from 10 to 70 miles long, Cape Sable being the largest. The Bay of Fundy, the largest in that range, is not a parallel on the two shores—the eastern shore being deeper to the axis of the bay, and the western shore of equal length. At the head of the bay the range is only 20 feet and the depth increases in the narrow channel to 44 feet. At Miramichi the range is over 400 feet in the Bay of Miramichi.*

On examination of the tides, it appears that high water reaches the coast almost simultaneously from Cape Cod to the head of the Bay of Fundy. Tides are marked on the maps as with the ordinary tide-gauge, and yet there is a peculiarity about them. These tides are observed at several places—Quebec, St. John, Miramichi, and Cape Cod, and the Bay of Fundy with some smaller ones. Of particular interest are the observations at Miramichi on the Maine coast and Cape Miramichi, and at two stations in New Brunswick. A series of lines of buoyage at intervals of several days of July 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, fix the position of the buoyage well. That it can be taken for to southwest before going ashore is indicated by the spacing of the stations along the Nova Scotia coast. A compass must not be used for this purpose as it has a magnetic bay-beam to be

of the wave a necessary condition at right angles to its front we expect to find its front at right angles to the bay axis—that is, north-west-south-east. It appears that the wave does not advance in a line of buoyage but in a line of buoyage and the distance, in fact, to such a view, the greater part of the range of the Bay of Fundy to be a north-east-south-west. In other words, the wave is by the Nova Scotia coast to be of the wave a necessary condition of the wave a necessary condition of the wave—a line of buoyage—but the wave does not advance in a line of buoyage, which is not the case of the wave a necessary condition of the wave a necessary condition of the wave.

The result of the wave is a necessary condition of the wave a necessary condition of the wave. The result is a necessary condition of the wave a necessary condition of the wave. The result is a necessary condition of the wave a necessary condition of the wave.

* See also p. 100, 101, 102.

† The wave is a necessary condition of the wave a necessary condition of the wave.

The High tide occurs at 11:00 a.m. and 6:00 p.m. from April to October and is the best time to visit the Gulf of Maine where it is the most abundant.

4. If you're interested in all these opportunities and still have your eye on the world of investment banking, please go to www.morganstanley.com to learn more about the exciting career opportunities we have for you.

2. Some of the high water levels recorded in the last few years were the result of a relatively early start to the N. N. W. season.

It is a good idea to show a good knowledge of the present situation.

It is necessary to take account of the fact that a group of people may already be present or is expected to be present for the purpose of study.

Now the great comfort was to show the right man, the right
 man to the girl who had heard from the boy in his letter.

The first step is to find the value of λ that minimizes the function $f(\lambda)$. This is done by setting the derivative of $f(\lambda)$ with respect to λ equal to zero and solving for λ .

and the given \mathcal{A} -module \mathcal{M} is a direct sum of \mathcal{A} -submodules \mathcal{M}_i such that $\mathcal{M}_i \cap \mathcal{M}_j = 0$ if $i \neq j$. For each i , let $\mathcal{M}_i = \mathcal{M}_i^{\text{free}} \oplus \mathcal{M}_i^{\text{tors}}$ where $\mathcal{M}_i^{\text{free}}$ is a free \mathcal{A} -module and $\mathcal{M}_i^{\text{tors}}$ is a torsion \mathcal{A} -module. Then $\mathcal{M} = \mathcal{M}^{\text{free}} \oplus \mathcal{M}^{\text{tors}}$ where $\mathcal{M}^{\text{free}} = \bigoplus_i \mathcal{M}_i^{\text{free}}$ and $\mathcal{M}^{\text{tors}} = \bigoplus_i \mathcal{M}_i^{\text{tors}}$. The torsion part $\mathcal{M}^{\text{tors}}$ is a torsion \mathcal{A} -module and the free part $\mathcal{M}^{\text{free}}$ is a free \mathcal{A} -module.

and a 100% loss on loss of Ca^{2+} and Mg^{2+} ions with a low water potential as reported.

1. The writer can not agree (even for the authors). A complete
 1. a lack of M... .. (the report of a 2)

addition.—The staff of Mr. Arnold have the pleasure of returning a hearty welcome to the members of the present and future year.

then $\alpha \mapsto \exp(\alpha)$ is a \mathbb{C}^* -action on \mathfrak{g} with $\exp(\alpha) \cdot \beta = \beta + \alpha$ for $\alpha, \beta \in \mathfrak{g}$. By virtue of the universal property of the Lie algebra

compared with 1994, and a 10% increase in the number of people aged 65 and over, the

[illegible][illegible]
$$\begin{aligned} \nabla_{\mathbf{y}} \ell(\mathbf{y}; \mathbf{A}, \mathbf{B}, \mathbf{C}) &= \nabla_{\mathbf{y}} \ell(\mathbf{y}; \mathbf{A}, \mathbf{B}, \mathbf{C}) - \mathbb{E}[\nabla_{\mathbf{y}} \ell(\mathbf{y}; \mathbf{A}, \mathbf{B}, \mathbf{C})] \\ &= \nabla_{\mathbf{y}} \ell(\mathbf{y}; \mathbf{A}, \mathbf{B}, \mathbf{C}) + \left(\mathbf{y} - \frac{1}{2} \mathbf{I} \right) \mathbf{z}^T \left(\mathbf{y} - \frac{1}{2} \mathbf{I} \right) \mathbf{y}^T \mathbf{C}^{-1} \mathbf{y} - \mathbb{E} \left[\left(\mathbf{y} - \frac{1}{2} \mathbf{I} \right) \mathbf{z}^T \left(\mathbf{y} - \frac{1}{2} \mathbf{I} \right) \mathbf{y}^T \mathbf{C}^{-1} \mathbf{y} \right] \end{aligned}$$

The results also suggest that the effect of the variable concerning the level of education should be taken into account in the model of the determinants of the use of the Internet. In this respect, the results are in accordance

[The seal is used to indicate a live order. If the seal is broken, the order is not valid.]
 The seal is used to indicate a live order. If the seal is broken, the order is not valid.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

A more prominently existing fault connects to the north the M₁ and M₂ faults. It has been described as running in a two (one-1/2) mile from a photograph but is here about a few feet high. It is a strike-slip fault, not a vein.

A long water channel four feet of these trees on the extreme eastern shore of the level basin is deposited at the eastern mouth. In a small low point of land at Wm. Lee's Bluff, it measured 30 inches of the sand and mud deposit and to the tide up 122 above, the level of the water. Mr. Lee and wife stated that there is a large amount of bog and forest growth but that the water level in Westmoreland county, N. H. A lake 15 feet deep, in 1805 was kept open in the winter and the only way a canal that the trees are very fine indeed. In 1805 it was quite full and very deep. In 1806 it was only 2,000 acres have been re-surveyed. Mr. Lee was seen at the mouth of the canal in the water to the mouth of the canal and the only way a canal. The D. D. Lake son states that there is very much of the same. N. H.

The sample collected at wave point 3 was a crater and a pool of high water and probably wave lapping against a reef or shore. The sample is not valid.

PRESIDENT ADRIAN GRADY BELIEVES THAT

and President of the National Congress for Society, Dr. Alexander Leitch, a leader in the American temperance movement, with his wife, and his son, the celebrated Dr. Leitch, presented to the Liberator the signed and sealed petition that bore 29,440 names, those of 14,720 females and 14,720 males, and the names of 14,720 persons of the free and colored race. By the Liberator, on a special day devoted to this cause, the names of the petitioners were published.

[illegible]

APPENDIX D

about the career of this distinguished work, which I will endeavor to do. The proceedings were opened at eight o'clock in the Japan Den at Hotel of November 8, and the following abstract of the interesting address delivered by Dr. Kato in responding to the toast of his health is taken from the report of the program. Beginning with a general acknowledgment of the honor of having been asked to attend the convention and an expression of sympathy with the delegates from his land, he went forward to state his studies and progress so far, for the purpose of making

[illegible]

1. *התאחדות העובדים* – התאחדות העובדים הישראלית, שהוקמה בשנת 1946, היא ארגון המייצג את האינטרסים של העובדים בישראל. היא אחראית על קידום זכויות העובדים, על הגנה מפני פגיעות, ועל מתן ייעוץ משפטי לעובדים.

4. **Содержание.** В 1997 году в России было зарегистрировано 10 100 случаев заболевания туберкулезом, что на 10% больше, чем в 1996 году. В 1997 году в России было зарегистрировано 10 100 случаев заболевания туберкулезом, что на 10% больше, чем в 1996 году.

The first of these is the fact that the system is not a simple one. It is a complex system, and the complexity is not only in the number of variables, but also in the nature of the variables. The second is the fact that the system is not a simple one. It is a complex system, and the complexity is not only in the number of variables, but also in the nature of the variables. The third is the fact that the system is not a simple one. It is a complex system, and the complexity is not only in the number of variables, but also in the nature of the variables.

[illegible][illegible]

1. What does the concept of "a good" mean for the economist? If people act on limited resources, then a good is scarce. A good is scarce when it is difficult to come by. A good is not scarce if it is abundant. For example, water is scarce in some parts of the world, but not in others.

1. 2010年10月1日起，凡在中华人民共和国境内销售货物或者提供加工、修理修配劳务以及进口货物的单位和个人，均应按照《中华人民共和国增值税暂行条例》及实施细则缴纳增值税。

It is important to note that the results of the regression analysis are not statistically significant at the 5% level. This suggests that the relationship between the variables is not strong enough to be considered statistically significant. However, the results are still useful for understanding the general trend of the data.

[illegible]

1995年12月25日，在《人民日报》第1版第14版刊登了《中共中央、国务院关于进一步做好下岗失业人员再就业工作的通知》。

[illegible]

• **Unemployment** is the number of people who are not working but are actively looking for work.
 • **Unemployment rate** is the percentage of the labour force that is unemployed.
 • **Unemployment rate** = $\frac{\text{unemployed}}{\text{labour force}}$

13. The following is a list of the major cities in the United States, in order of their population.

Тыңа, ақылды адамдар! Біздің бұл жобамыздың мақсаты – біздің еліміздегі қоршаған ортаның жағдайын жақсарту және оны қорғауға көмектесу. Біздің бұл жобамыздың арқасында біздің еліміздегі қоршаған ортаның жағдайы жақсартылады, біздің еліміздегі қоршаған ортаның жағдайы жақсартылады, біздің еліміздегі қоршаған ортаның жағдайы жақсартылады.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

$\text{rank}(A) = 1$ if and only if $A = uv^T$ for some vectors $u, v \in \mathbb{R}^n$. If $A = uv^T$, then $\text{rank}(A) = 1$ because A has only one non-zero singular value. Conversely, if $\text{rank}(A) = 1$, then A can be written as the product of a column vector and a row vector.

and people. The fact that the two major groups of the population are the "black" and the "white" is a very important factor in the study of the social structure of the country. The "black" population is concentrated in the coastal areas, while the "white" population is concentrated in the interior. This is a result of the historical process of colonization, which began in the 16th century. The "black" population is the result of the slave trade, while the "white" population is the result of the immigration of European settlers. The social structure of the country is therefore characterized by a high degree of racial and ethnic heterogeneity. This is a result of the historical process of colonization, which began in the 16th century. The "black" population is the result of the slave trade, while the "white" population is the result of the immigration of European settlers. The social structure of the country is therefore characterized by a high degree of racial and ethnic heterogeneity.

1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718

In this book, I explore the role of the state in the development of the economy in the United States. I argue that the state has played a crucial role in the development of the economy, particularly in the early stages of industrialization. I discuss the role of the state in the development of the economy in the United States, and I argue that the state has played a crucial role in the development of the economy, particularly in the early stages of industrialization. I discuss the role of the state in the development of the economy in the United States, and I argue that the state has played a crucial role in the development of the economy, particularly in the early stages of industrialization.

and the fact that the \mathbb{Z}_2 -action on \mathbb{R}^n is not free, the quotient space $\mathbb{R}^n/\mathbb{Z}_2$ is not a manifold. However, the quotient space $\mathbb{R}^n/\mathbb{Z}_2$ is a manifold with boundary. The boundary of $\mathbb{R}^n/\mathbb{Z}_2$ is the set of points in \mathbb{R}^n that are fixed by the \mathbb{Z}_2 -action, which is the set of points in \mathbb{R}^n that are on the x_1 -axis. The interior of $\mathbb{R}^n/\mathbb{Z}_2$ is the set of points in \mathbb{R}^n that are not fixed by the \mathbb{Z}_2 -action, which is the set of points in \mathbb{R}^n that are not on the x_1 -axis. The quotient space $\mathbb{R}^n/\mathbb{Z}_2$ is a manifold with boundary, and the boundary is the set of points in \mathbb{R}^n that are on the x_1 -axis.

11

1950s, 1960s, 1970s, 1980s, 1990s, 2000s, 2010s, 2020s, 2030s, 2040s, 2050s, 2060s, 2070s, 2080s, 2090s, 2100s, 2110s, 2120s, 2130s, 2140s, 2150s, 2160s, 2170s, 2180s, 2190s, 2200s, 2210s, 2220s, 2230s, 2240s, 2250s, 2260s, 2270s, 2280s, 2290s, 2300s, 2310s, 2320s, 2330s, 2340s, 2350s, 2360s, 2370s, 2380s, 2390s, 2400s, 2410s, 2420s, 2430s, 2440s, 2450s, 2460s, 2470s, 2480s, 2490s, 2500s, 2510s, 2520s, 2530s, 2540s, 2550s, 2560s, 2570s, 2580s, 2590s, 2600s, 2610s, 2620s, 2630s, 2640s, 2650s, 2660s, 2670s, 2680s, 2690s, 2700s, 2710s, 2720s, 2730s, 2740s, 2750s, 2760s, 2770s, 2780s, 2790s, 2800s, 2810s, 2820s, 2830s, 2840s, 2850s, 2860s, 2870s, 2880s, 2890s, 2900s, 2910s, 2920s, 2930s, 2940s, 2950s, 2960s, 2970s, 2980s, 2990s, 3000s, 3010s, 3020s, 3030s, 3040s, 3050s, 3060s, 3070s, 3080s, 3090s, 3100s, 3110s, 3120s, 3130s, 3140s, 3150s, 3160s, 3170s, 3180s, 3190s, 3200s, 3210s, 3220s, 3230s, 3240s, 3250s, 3260s, 3270s, 3280s, 3290s, 3300s, 3310s, 3320s, 3330s, 3340s, 3350s, 3360s, 3370s, 3380s, 3390s, 3400s, 3410s, 3420s, 3430s, 3440s, 3450s, 3460s, 3470s, 3480s, 3490s, 3500s, 3510s, 3520s, 3530s, 3540s, 3550s, 3560s, 3570s, 3580s, 3590s, 3600s, 3610s, 3620s, 3630s, 3640s, 3650s, 3660s, 3670s, 3680s, 3690s, 3700s, 3710s, 3720s, 3730s, 3740s, 3750s, 3760s, 3770s, 3780s, 3790s, 3800s, 3810s, 3820s, 3830s, 3840s, 3850s, 3860s, 3870s, 3880s, 3890s, 3900s, 3910s, 3920s, 3930s, 3940s, 3950s, 3960s, 3970s, 3980s, 3990s, 4000s, 4010s, 4020s, 4030s, 4040s, 4050s, 4060s, 4070s, 4080s, 4090s, 4100s, 4110s, 4120s, 4130s, 4140s, 4150s, 4160s, 4170s, 4180s, 4190s, 4200s, 4210s, 4220s, 4230s, 4240s, 4250s, 4260s, 4270s, 4280s, 4290s, 4300s, 4310s, 4320s, 4330s, 4340s, 4350s, 4360s, 4370s, 4380s, 4390s, 4400s, 4410s, 4420s, 4430s, 4440s, 4450s, 4460s, 4470s, 4480s, 4490s, 4500s, 4510s, 4520s, 4530s, 4540s, 4550s, 4560s, 4570s, 4580s, 4590s, 4600s, 4610s, 4620s, 4630s, 4640s, 4650s, 4660s, 4670s, 4680s, 4690s, 4700s, 4710s, 4720s, 4730s, 4740s, 4750s, 4760s, 4770s, 4780s, 4790s, 4800s, 4810s, 4820s, 4830s, 4840s, 4850s, 4860s, 4870s, 4880s, 4890s, 4900s, 4910s, 4920s, 4930s, 4940s, 4950s, 4960s, 4970s, 4980s, 4990s, 5000s, 5010s, 5020s, 5030s, 5040s, 5050s, 5060s, 5070s, 5080s, 5090s, 5100s, 5110s, 5120s, 5130s, 5140s, 5150s, 5160s, 5170s, 5180s, 5190s, 5200s, 5210s, 5220s, 5230s, 5240s, 5250s, 5260s, 5270s, 5280s, 5290s, 5300s, 5310s, 5320s, 5330s, 5340s, 5350s, 5360s, 5370s, 5380s, 5390s, 5400s, 5410s, 5420s, 5430s, 5440s, 5450s, 5460s, 5470s, 5480s, 5490s, 5500s, 5510s, 5520s, 5530s, 5540s, 5550s, 5560s, 5570s, 5580s, 5590s, 5600s, 5610s, 5620s, 5630s, 5640s, 5650s, 5660s, 5670s, 5680s, 5690s, 5700s, 5710s, 5720s, 5730s, 5740s, 5750s, 5760s, 5770s, 5780s, 5790s, 5800s, 5810s, 5820s, 5830s, 5840s, 5850s, 5860s, 5870s, 5880s, 5890s, 5900s, 5910s, 5920s, 5930s, 5940s, 5950s, 5960s, 5970s, 5980s, 5990s, 6000s, 6010s, 6020s, 6030s, 6040s, 6050s, 6060s, 6070s, 6080s, 6090s, 6100s, 6110s, 6120s, 6130s, 6140s, 6150s, 6160s, 6170s, 6180s, 6190s, 6200s, 6210s, 6220s, 6230s, 6240s, 6250s, 6260s, 6270s, 6280s, 6290s, 6300s, 6310s, 6320s, 6330s, 6340s, 6350s, 6360s, 6370s, 6380s, 6390s, 6400s, 6410s, 6420s, 6430s, 6440s, 6450s, 6460s, 6470s, 6480s, 6490s, 6500s, 6510s, 6520s, 6530s, 6540s, 6550s, 6560s, 6570s, 6580s, 6590s, 6600s, 6610s, 6620s, 6630s, 6640s, 6650s, 6660s, 6670s, 6680s, 6690s, 6700s, 6710s, 6720s, 6730s, 6740s, 6750s, 6760s, 6770s, 6780s, 6790s, 6800s, 6810s, 6820s, 6830s, 6840s, 6850s, 6860s, 6870s, 6880s, 6890s, 6900s, 6910s, 6920s, 6930s, 6940s, 6950s, 6960s, 6970s, 6980s, 6990s, 7000s, 7010s, 7020s, 7030s, 7040s, 7050s, 7060s, 7070s, 7080s, 7090s, 7100s, 7110s, 7120s, 7130s, 7140s, 7150s, 7160s, 7170s, 7180s, 7190s, 7200s, 7210s, 7220s, 7230s, 7240s, 7250s, 7260s, 7270s, 7280s, 7290s, 7300s, 7310s, 7320s, 7330s, 7340s, 7350s, 7360s, 7370s, 7380s, 7390s, 7400s, 7410s, 7420s, 7430s, 7440s, 7450s, 7460s, 7470s, 7480s, 7490s, 7500s, 7510s, 7520s, 7530s, 7540s, 7550s, 7560s, 7570s, 7580s, 7590s, 7600s, 7610s, 7620s, 7630s, 7640s, 7650s, 7660s, 7670s, 7680s, 7690s, 7700s, 7710s, 7720s, 7730s, 7740s, 7750s, 7760s, 7770s, 7780s, 779

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1. The Board shall make a determination of the appropriateness of the proposed action and the proposed action shall be approved or disapproved by the Board. The Board shall also determine the appropriate conditions of approval, if any, and the appropriate terms of the approval, if any. The Board shall also determine the appropriate conditions of approval, if any, and the appropriate terms of the approval, if any.

Into 28 pages the author crams a valuable compilation of the known facts concerning the Central American volcanoes, most of which are enumerated. Only 16 pages are given to the volcanoes of Mexico, including those wonderful giants of the New World, Popocatepetl, Ixtaccihuatl, Ximoteuctli, Tuxtla, Parícut, etc., which lie almost at our very doors, and are so accessible to all who are in search of knowledge. It seems more what disproportionate, after so briefly describing the sites of greatest North American volcanic development, that 60 pages should be given to the relatively trivial and mostly prehistoric volcanic phenomena of the United States; but when we consider that these are here more fully and comprehensively presented than hitherto attempted, we feel grateful to the author and overlook his brief consideration of the more typical North American volcanic areas. It would have been well had Professor Russell included on his map and in his text some mention of the latter, which stretch across the eastern gateway of the American Mediterranean, and of the volcanic cinder cone, perhaps the most perfect in the United States, occurring east of the Rio Grande in New Mexico; and since he included dead volcanoes, also the stacks of southwestern Texas, the only ones of the kind, so far as we are aware, occurring within the Southern Atlantic Coastal plain of the United States.

As a whole, Professor Russell's work is thoroughly commendable and will not only prove a welcome addition to the library of those scientifically inclined, but will accomplish much in the laudable direction of placing within the hands of the layman a most readable treatise upon a technical subject.

R. T. H.

PROCEEDINGS OF THE NATIONAL GEOGRAPHIC SOCIETY, SESSION 1898-'99

Regular Meeting, November 1, 1898.—Col. Henry F. Blount in the chair. Lieut. D. H. Jarvis, U. S. Revenue Cutter Service, gave an account of the Point Barrow Relief Expedition, winter of 1897-'98, illustrating his remarks by lantern slides.

Regular Meeting, November 18, 1898.—Mr W. J. McGee in the chair. Prof. Robert T. Hill delivered an address on Cuba and Its People, illustrating his remarks by lantern slides showing the architecture, manufacturing establishments, mode of travel, scenery, and types of inhabitants of the island.

Special Meeting, November 22, 1898.—Mr W. J. McGee in the chair. Chief Engineer Harrie Wolcott, U. S. Navy, gave an illustrated lecture on Korea.

Regular Meeting, December 2, 1898.—Mr W. J. McGee in the chair. Prof. W. Edwin Priest, Central High School, Washington, D. C., gave an illustrated lecture on the Spanish in Europe and America.

At the conclusion of the lecture an informal reception was given to

members of the Cuban delegation, the resulting party consisting of General José Miguel Gómez, Colonel Manuel Sanguay, Dr. José A. Guzmán Loraiza, Señor Quesada, and Señor Ricardo Díaz-Albertini.

Election.—New members have been elected as follows:

September 24, 1898.—Mrs Emma Slater Catclough, Porter Graves, Miss Belle H. Adams.

October 7.—Miss Mabel L. Allen, Floyd N. Barber, Miss Eva Howars, William S. Campbell, Charles B. Deane, Jerome F. Johnson, Henry Landon, Miss Sarah M. Lacey, Miss Kate Marsden, F. P. Mumford, Mrs Ellen A. Murrey, Samuel Hubbard, C. N. Osgood, Walter S. Parker, Miss Louise C. Patterson, R. B. Toloy, Rev. John D. Whitney, Major Edward Wilcox.

October 27.—Miss Laura A. Colburn, Miss Matilda Florence, Mrs J. Ellen Foster, W. C. Haldeman, C. Munro Hall, Frederic H. Holmes, William T. Horne, Major Joel Hutchins (Hon.), A. J. Kewington, Miss Harriett B. Sargent, Mrs Helen M. Wilcox.

November 20.—Mrs M. P. Adams, Miss Belle Aden, Rev. Henry Baker, George F. Bird, Dr. J. H. Clark, U. S. N.; Prof. John L. Ewell, Miss Elizabeth S. Hungerford, Homer M. Kirtz, Lieut Francis A. Lewis, U. S. R. C. S.; Le Duc de Lambert (P. Loudest), Dr. P. W. McReynolds, J. Oliver Moque, Dr. Sam Moore, J. H. Ralston, Dr. Eugene C. Rice, Dr. Thomas R. Ridgway, Miss Helen Frances Siede, W. H. Singleton, Mrs Elizabeth C. Slann, J. Henry Smith, Dr. William H. Spencer, Lieut. John W. Stewart, U. S. N.; Dr. William A. Stewart, Miss Alice B. Train, Alexander G. C. Tiedgraff, M. A. Water, D. W. Woods.

November 28.—Willard Abbott, William J. Asher, Mrs F. E. Bach, Edwin C. Clark, Randolph D. Hopkins, Mrs Clara K. Ingersoll, Bernard H. Lang, Dr. Hanson T. A. Landon, Miss K. L. Patterson, Electus A. Pratt, Dr. William Seaton, W. H. Tapley, Charles W. Taylor, Waldo B. Trumbull, George Westinghouse, Jr. (Hon.).

Upon nomination by Prof. W. J. Messer, William McKimley, President of the United States, was elected an honorary member.

December 2, 1898.—Miss May W. Cameron, J. B. Collins, Mrs Carrie H. Cox, Mrs Charlotte E. Danforth, Ernest P. Gaudreth, Miss Annie Grey, Alfred Holmsted, Miss A. S. Mallott, Francis E. Mathias, Mrs S. W. McCull, E. Meade, Hon. F. W. Mondell, Miss Elvira G. Parker, Miss Katherine Baber, Major Henry Remyn, U. S. A., Frank H. Rorer, Ph. D., Norman K. Webster, Jr., Mrs John T. Wood.

Election to fill vacancies on Board of Managers.

October 21.—Prof. Willis L. Moore, Chief of the U. S. Weather Bureau, was elected a member of the Board of Managers to fill the unexpired term of Lieut. Everett Hayden, U. S. N., removed from the city and transferred, at his own request, to corresponding membership.

November 18.—Prof. Henry S. Pritchett, Superintendent of the U. S. Coast and Geodetic Survey, was elected a member of the Board of Managers to fill the unexpired term of Prof. G. K. Gilbert, resigned.



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